

Converting Colors

$Yxy(44.7965, 0.4097, 0.3590)$

Have a look what the booklet for
Yxy(44.7965, 0.4097, 0.3590)
contains.

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Color

Yxy(44.7314, 0.4096, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	EAA187
RGB	234, 161, 135
RGB Percent	92%, 63%, 53%
CMY	0.0823, 0.3686, 0.4707
CMYK	0.00, 0.31, 0.42, 0.08
HSL	16°, 70%, 72%
HSV	16°, 42%, 92%
XYZ	51.0504, 44.7314, 28.8529
YIQ	179.8630, 51.8540, 7.3900

Conversions

Conversions Part 2

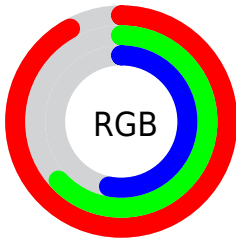
Format	Color
R _Y B	234, 170, 135
Decimal	15376775
CIE Lab	72.71, 24.04, 24.49
CIE LCh	73, 34.323, 45.533
Yxy	44.7314, 0.4096, 0.3589
Android (android.graphics.Color)	4293566855 (0xFFEAA187)
YUV	179.8630, -22.1175, 47.4781
Hunter-Lab	66.8815, 19.2056, 21.2392

Details

The Yxy color **44.7314, 0.4096, 0.3589** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **56.1890, 0.2497, 0.2961**, and the grayscale version is **45.6647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0026, 0.3621, 0.3579**, and **20.8233, 0.4378, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **38.5265, 0.4434, 0.3653**, and if you desaturate by 10%, it is **51.9172, 0.3801, 0.3517**.

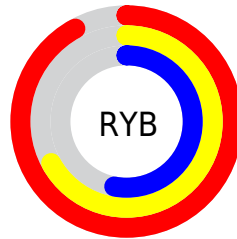
Distribution



Red (92%)

Green (63%)

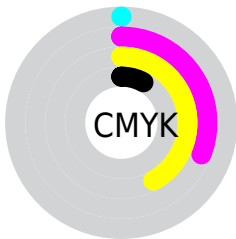
Blue (53%)



Red (92%)

Yellow (67%)

Blue (53%)

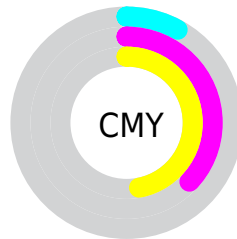


Cyan (0%)

Magenta (31%)

Yellow (42%)

Black (8%)



Cyan (8%)

Magenta (37%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7314, 0.4096, 0.3589 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 44.7314, 0.4096, 0.3589 by changing the saturation by 10% instead.


 44.7314, 0.4096,
0.3589


 44.7314, 0.4096,
0.3589


365.6846, 0.3605,
0.3458

 31.2459, 0.4219,
0.3615


 82.3172, 0.3917,
0.3546

 20.7862, 0.4377,
0.3643


 107.1863, 0.3850,
0.3529

 12.9678, 0.4584,
0.3674


 136.6187, 0.3793,
0.3514

 7.4064, 0.4868,
0.3700

170.9989, 0.3744,
0.3500

 3.7175, 0.5273,
0.3704

210.7112, 0.3702,
0.3488

 1.5168, 0.6182,
0.3818

256.1399, 0.3666,

 0.3005, 0.7439,

0.3477

0.2561

307.6696, 0.3633,
0.3467

0.0000, 0.0000,
0.0000

44.7314, 0.4096,
0.3589

44.7314, 0.4096,
0.3589

38.5265, 0.4434,
0.3653

51.9172, 0.3801,
0.3517

33.2526, 0.4809,
0.3699

60.1180, 0.3551,
0.3444

28.8649, 0.5200,
0.3717

69.3743, 0.3340,
0.3372

25.3120, 0.5573,
0.3696

79.7222, 0.3164,
0.3305

22.5368, 0.5887,
0.3631

91.1963, 0.3017,
0.3243

■ 20.8868, 0.6073,
0.3560

■ 96.2341, 0.2999,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.7314, 0.3903, 0.3202



44.7314, 0.4096, 0.3589



44.7314, 0.4003, 0.3940

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.7314, 0.4096, 0.3589



44.7314, 0.2741, 0.3789



44.7314, 0.2565, 0.2513

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.7314, 0.4096, 0.3589



56.1890, 0.2497, 0.2961

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.7314, 0.2305, 0.2596



44.7314, 0.4096, 0.3589



44.7314, 0.2398, 0.3309

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.7314, 0.4096, 0.3589



44.7314, 0.3205, 0.4113



44.7314, 0.2246, 0.2872



44.7314, 0.2988, 0.2609

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.7314, 0.4096, 0.3589



44.7314, 0.3801, 0.4105



44.7314, 0.2246, 0.2872



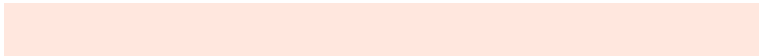
44.7314, 0.2458, 0.2520

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.7336, 0.4096, 0.3589



83.4340, 0.3354, 0.3377



39.4292, 0.3409, 0.2483



17.3048, 0.3398, 0.3393



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.7336, 0.4096, 0.3589



47.5826, 0.4396, 0.3646



64.9661, 0.3863, 0.4102



15.6979, 0.3286, 0.3353



11.9106, 0.6046, 0.3581



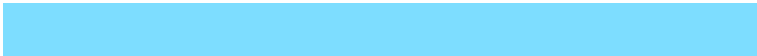
1.0880, 0.5776, 0.3796

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.1890, 0.2497, 0.2961



63.1908, 0.2383, 0.2878



36.1371, 0.2390, 0.2311



16.4128, 0.2981, 0.3227



20.2388, 0.2004, 0.2415



1.7444, 0.2042, 0.2551

Previews

White Background



This preview shows how the Yxy color 44.7314, 0.4096, 0.3589 looks on a white background.

Color Contrast Check

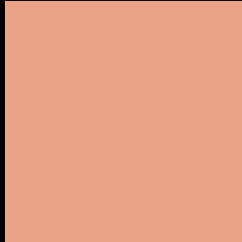
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 44.7314, 0.4096, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7314, 0.4096, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 44.7314, 0.4096, 0.3589.



This preview shows how white text looks on a background with the Yxy color 44.7314, 0.4096, 0.3589.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.7314, 0.4096, 0.3589

Protanopia

44.7711, 0.3530, 0.3753

Deuteranopia

44.6682, 0.3846, 0.3762



Tritanopia

44.6086, 0.3813, 0.3157

Trichromacy



Original Color

44.7314, 0.4096, 0.3589

Protanomaly

44.5203, 0.3730, 0.3695

Deuteranomaly

44.4187, 0.3932, 0.3690

Tritanomaly

44.6869, 0.3918, 0.3315

Monochromacy



Original Color

44.7314, 0.4096, 0.3589

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.8468, 0.3452, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7314, 0.4096, 0.3589 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(234, 161, 135)` looks like.

```
.text, #text, p{  
    color:rgb(234, 161, 135)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(234, 161, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 161, 135) }
```

Border

The CSS property to change the border of an element to Yxy 44.7314, 0.4096, 0.3589 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 161, 135) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(234, 161, 135) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(234, 161, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 161, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 161, 135);  
box-shadow:4px 4px 4px 4px rgb(234, 161,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7314, 0.4096, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 161, 135) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(234,  
161, 135) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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